

CIC #: 99EPA SUPERFUND

Billed Date: 01-Aug-2013

Customer Order Number DW96942125

PASSAIC CPG OVERSIGHT 147757 BZ761
EPA 598VOUCHER FOR TRANSFERS
BETWEEN APPROPRIATIONS AND/OR FUNDS (AR 37- 1)

Mission Assignment No:

Accounts Of

D.O. Voucher No.

BU. Voucher No.

Bill No.

Paid By Check No.

Collection Vou. No.

27063955

Partial # 74 01-Jul-2013 Thru 01-Aug-2013

Billed Office (Mail To):

U.S. ENVIRONMENTAL PROTECTION AGENCY
ACCOUNTING OPERATIONS OFFICE
26 W. MARTIN LUTHER KING DRIVE
CINCINNATI OH 45268-7002

Billing Office (Send Remittance To):

USACE FINANCE CENTER G5
KANSAS CITY DISTRICT G5
5720 INTEGRITY DRIVE
MILLINGTON TN 38054-5005

Billed Accounting Classification

068 068 X 8145.0000 2007 00 0000 000000000000 00000

Billing Accounting Classification

\$102,698.40 096 NA X 3122.0000 G5 08 2416 868 022125 96231

\$102,698.40

Line Item	Moa	Description	Eaid No	Amount
1	CONTRACT - OUTSIDE GOVERNMENT	PVT SCTR CONTRACTUAL ARCHITECTURAL & ENGINEERING SERVICES (AE CONTRACTOR EARNINGS)		\$95,320.00
1	INHOUSE - OTHER RESOURCES	SUPERFUND M&S		\$1,716.69
1	INHOUSE - LABOR	DEPARTMENTAL OVERHEAD COSTS		\$1,665.21
1	INHOUSE - LABOR	GENERAL AND ADMINISTRATIVE OVERHEAD COSTS		\$490.80
1	INHOUSE - LABOR	LABOR		\$3,505.70
Subtotal:				\$102,698.40

CORPS CERTIFICATION
"I CERTIFY THAT THE ABOVE ARTICLES WERE DELIVERED AND OR
THE SERVICES PERFORMED AS STATED AND THAT THE PAYMENT
REQUESTED IS CORRECT TO THE BEST OF MY KNOWLEDGE, AND
SHOULD BE PAID AND CHARGED TO THE APPROPRIATION(S) OR
FUNDS AS INDICATED."

18 Sep 13
DATE

SIGNATURE

Elizabeth A. Franklin
Project Manager

Total Billed Amount:	\$102,698.40
Less Partial Amount Paid:	\$0.00
Payment Due Date: 31- Aug-2013	Pay This Amount: \$102,698.40

Funds Authorized:	Total Billed Amount:	Prev Billed Amount:	Current Billed Amount:	Total Flux Billed:	Prev Flux Billed:	Current Flux Billed:
\$10,000,000.00	\$7,018,515.80	\$6,915,817.40	\$102,698.40	\$0.00	\$0.00	\$0.00

CERTIFICATE OF OFFICE BILLED
I certify that the above articles were received and accepted or the services performed as stated and should be charged to the appropriation(s) and/or fund(s) as indicated above, or that the advance payment requested is approved and should be paid as indicated.

Date: _____
Authorized Administrative or Certifying Officer

PROGRESS REPORT

KANSAS CITY DISTRICT
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ
IA Number: DW96942125

MONTHLY REPORT FOR JULY 2013

	Revised Reimbursable (096X3122)	Direct Fund Cite	IA Totals (096X3122)
STATEMENT OF CHARGES FOR PERIOD:			
Total Funds Authorized:	\$10,000,000.00	\$0.00	\$10,000,000.00
Less Total Expenditures: (-)	\$7,018,515.80	\$0.00	\$7,018,515.80
Less Undelivered Orders: (-)	\$2,547,590.45	\$0.00	\$2,547,590.45
Less Commitments: (-)	\$71,537.00	\$0.00	\$71,537.00
Funds Available Balance:	\$362,356.75	\$0.00	\$362,356.75

BILLING ACTIVITY (096X3122):	

Bill Number: 27063955	
Funds Expended During Report Period:	\$102,698.40
Total Billed to Date:	\$7,018,515.80
DIRECT FUND CITE PAYMENTS:	

Funds Expended During Report Period:	\$0.00
Total Expended to Date:	\$0.00

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99EPA

Page: 57
Date: 02-AUG-2013
Time: 10:46:35

KANSAS CITY DISTRICT
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ
IA Number: DW96942125

PROGRESS REPORT

Bill Number: 27063955
Bill Invoice Date: 01-AUG-2013

Monthly Billing Amount (096X3122): \$102,698.40

Monthly Direct Fund Cite Contract Cost (068X8145): \$0.00

Budget Categories	Costs for Current Month	Prior Month's Summary	Project Costs to Date
a Personnel	\$2,227.94	\$130,720.38	\$132,948.32
b Fringe Benefits	\$1,277.76	\$68,779.35	\$70,057.11
c Travel	\$0.00	\$10,663.15	\$10,663.15
d Equipment	\$0.00	\$0.00	\$0.00
e Supplies	\$0.00	\$0.00	\$0.00
f Procurement	\$95,320.00	\$6,404,456.38	\$6,499,776.38
g Construction	\$0.00	\$0.00	\$0.00
h Other	\$1,716.69	\$175,622.88	\$177,339.57
i Total Direct Charges	\$100,542.39	\$6,790,242.14	\$6,890,784.53
j Total Indirect Charges	\$2,156.01	\$125,575.26	\$127,731.27
x TOTAL	\$102,698.40	\$6,915,817.40	\$7,018,515.80

LABOR BREAKOUT FOR MONTH:

Individual	Location	Function	Hours	Labor Amount
ELIZABETH FRANKLIN	KANSAS CITY DISTRICT	ETRW PROJECT MANAGER	41.50	\$5,465.81
WILLIAM J HILL	KANSAS CITY DISTRICT	CONTRACT SPECIALIST	3.00	\$195.90
TOTAL LABOR:			44.50	\$5,661.71

Progress Report for EPA Region II

Site:	Diamond Alkali, Lower Passaic River (Extended Study): RI/FS Oversight, New Jersey		Phase:	RI/FS, OU4	
Bill No.:	Partial #74r 27063955	IAG No.: NWK	IAG: DW96942125/BZ761 IAG Award Date: 8/31/07	IAG Expiration Date: 3/31/18	Other Corps P2 #147757/FWI 96B4B2
Reporting Period:	From: July 1, 2013	To: August 1, 2013	EPA RPM Stephanie Vaughn		USACE PM Elizabeth Franklin
Work Performed					
Work Performed	<input type="checkbox"/> On 16 & 30 July 2013, participated in project progress conference calls with EPA/COE/CDM/LB/HQI/BAT. <input type="checkbox"/> Funding. No funding received during the reporting period. <input type="checkbox"/> Invoices. <input type="checkbox"/> TO 0005. On 5 Jul 13, reviewed and approved CDM Invoice #15, totaling \$95,320, for period 28 Apr – 25 May 13. <input type="checkbox"/> Schedule. Most current CPG full schedule version is 18 February 2010. <ul style="list-style-type: none"> ○ On 19 Feb 13, RM 10.9 Path Forward list of milestones last updated. ○ On 12 Apr 13, received updated Summary of Deliverables from S. Budney. ○ In May 13, the CPG submitted schedule of RM 10.9 activities as part of the final design submittal. <input type="checkbox"/> Task Order 0005. Contract Modification/Subcontract Consent. <ul style="list-style-type: none"> ○ On 1 Jul 13, submitted revised government estimate for internal review and forwarding to contracting office. ○ Discussed points of clarification with J. Hill regarding CDM subcontract procedures. ○ On 2 Jul 13, provided detailed notes regarding the revised CDM proposal to contracting office. ○ On 11 Jul 13, contract modification awarded, totaling \$1,200,000. ○ On 2 Jul 13, requested Contracting Officer guidance regarding requirement for consultants to obtain subcontract consent if they have approved purchasing systems. ○ On 30 Jul 13, contracting provided CDM guidance that subcontract consent requirements for team subcontractors are not required given that CDM has approved purchasing system. <input type="checkbox"/> River Mile 10.9. <ul style="list-style-type: none"> ○ On 17 Jul 13, participated in conference call to discuss pre-mobilization activities and coordination. ○ On 25 Jul 13, participated in 2 separate conference calls to discuss oversight preparation and pre-mobilization activities and progress. ○ On 29 Jul 13, participated in conference call to discuss the start of dredge activities. ○ On 30 Jul 13, participated in conference call to discuss the silt curtain effectiveness. <input type="checkbox"/> On 24 Jul 13, participated in conference call to discuss the RI data collected to date. <input type="checkbox"/> General coordination and discussion of CSO/SSO Sampling events during the reporting period. <input type="checkbox"/> Preparation of Progress Report and Project Expenditure spreadsheet.				
Key Meetings This Period	<input type="checkbox"/> Regular project progress calls. <input type="checkbox"/> Other project calls and meetings as noted throughout this progress report.				

Progress Report for EPA Region II

**Key Contract Milestones
Completed to Date**

- ☐ **MPI Task Order 0020: Contract W912DQ-06-D-0006, Expiration Date – 19 Sep 2012**
 - ☐ 21 Sep 07 – Base Task Order, CPG RI/FS Oversight awarded for \$349,601.
 - ☐ 19 Jun 08 – Modification 01, CPG RI/FS Oversight was awarded for \$274,903.

- ☐ **MPI Task Order 0010: Contract W912DQ-08-D-0017, Expiration Date – 15 Jan 2014**
 - ☐ 16 Jan 09 – Base Task Order, CPG RI/FS Oversight was awarded for \$65,000.
 - ☐ 5 Mar 09 – Modification 0001 was awarded for \$69,772.
 - ☐ 24 Jun 09/1 Jul 09 - Modification 0002 was awarded for \$49,756 (verbal on 24 Jun/written on 1 Jul).
 - ☐ 3 Aug 09 – Modification 0003 was awarded for \$378,843.
 - ☐ 28 Aug 09: Contract Mod 4 was awarded, totaling \$279,277.
 - ☐ 1 Sep 09, Mod 5 (admin in nature) was signed.
 - ☐ 29 Dec 09, Mod 6 was awarded, totaling \$211,881.
 - ☐ 9 Jul 10, Mod 7 was awarded, totaling \$52,890.
 - ☐ 28 Dec 10, Mod 8 was awarded, totaling \$54,473.

- ☐ **CDM Task Order 0014: Contract W912DQ-08-D-0018, Expiration Date – 30 Jul 2014**
 - ☐ 3 Aug 09 – Base Task Order, CPG RI/FS Oversight was awarded for \$160,000 (verbal was given 31 Jul 09)
 - ☐ 22 Aug 09: Contract Mod 1/TO 0014 was issued, totaling \$175,902.
 - ☐ 25 Aug 09; Mod 2 (admin in nature) was signed.
 - ☐ 23 Dec 09; Mod 3 was awarded, totaling \$493,000.
 - ☐ 3 Mar 10; Mod 7 was awarded, totaling \$283,000. (Numbering out of order due to electronic system error.)
 - ☐ 14 May 10; Mod 8 was awarded, totaling \$140,000.
 - ☐ 9 Jun 10; Mod 9 was awarded, totaling \$375,000.
 - ☐ 21 Oct 10, Mod 10 was awarded, totaling \$362,923 (note \$63,000 of this funding is from IA 2023).
 - ☐ 27 Dec 10, Mod 11 was awarded, totaling \$74,426 (note funding split as follows: \$50,000 is Passaic FFS, IA 1975 and \$24,426 is Newark Bay, IA 2023).
 - ☐ 4 May 11, Mod 12 was awarded, totaling \$682,426 (note funding split as follows: \$645,000 is IA 2023 and \$37,426 is IA1975).
 - ☐ 19 Sep 11, Mod 13 was awarded, totaling \$150,000.

- ☐ **CDM Task Order 0005; Contract W912DQ-11-D-3004, Expiration Date – 15 Dec 2016**
 - ☐ 15 Dec 11 – Base Task Order, CPG RI-FS Oversight was awarded for \$770,000
 - ☐ 24 Jan 12 – Mod 1 (admin in nature) was signed.
 - ☐ 1 Jun 12 – Mod 2 was awarded, totaling \$1,059,312.
 - ☐ 7 Jan 13 – Mod 3 was awarded, totaling \$1,500,000.
 - ☐ 11 Jul 13 – Mod 4 was awarded, totaling \$1,250,000.

Progress Report for EPA Region II

<p>Contractor Actions/ Accomplishments</p>	<p>CDM</p> <ul style="list-style-type: none"> <input type="checkbox"/> Management. CDM participated in progress calls as noted throughout this report, prepared the CDM progress report, invoice and continued management tasks. Additional information may be found in the CDM Progress Report covering period June 30 – July 27, 2013. Information is also contained in daily email reports provided by CDM during specific fieldwork oversight efforts. <input type="checkbox"/> CPG Fieldwork Planning Documents. <input type="checkbox"/> CDM Fieldwork Oversight. <ul style="list-style-type: none"> o Continued validation of first round of high volume split sample data and split sample evaluation of CWCM data sets. o Discussed preliminary results of second round high volume split samples with lab. o Initiated validation of background split sample tissue database. o Reviewed CPGs revised SSP2 locations and probing data results with regard to field oversight observations and EPA proposed locations. <input type="checkbox"/> CDM Fieldwork Oversight Reporting. <input type="checkbox"/> CDM Data Manager/Website/Digital Library. <ul style="list-style-type: none"> o Generated additional summary tables of historical data sets; QC underway. o Ongoing improvement of data normalization with historical data sets. o Upload of CWCM high volume event #1 received from CPG. o Initiated full database review as part of initial preparation for providing CPG database copy. <input type="checkbox"/> CSO/SWO Sampling Oversight <ul style="list-style-type: none"> o On 2 Jul 13, participated in conference call regarding sampling status. o On 12 Jul 13, reviewed and provided comments on CSO/SWO June QAPP modifications. o On 17 Jul 13, participated in conference call regarding sampling protocol. o On 24 Jul 13, reviewed PVSC comments on CSO/SWO sampling and participated in conference call regarding these comments. o Performed oversight of sampling, equipment decon and collected blank sample during the reporting period. <input type="checkbox"/> CPG Risk Assessment <input type="checkbox"/> Modeling. <ul style="list-style-type: none"> o Review of CPG sediment transport modeling code and recommendations for issues with the model code. o Sea Engineering review of the CPG's 2011 and 2012 LPR bathymetry survey reports. o Numerous conference calls with CPG modeling team and review of CPG trajectories as presented to EPA. o Investigating potential impact of errors found in Hackensack ADCP data collected during the Spring 2010 PWCM. <input type="checkbox"/> River Mile 10.9 Removal Action Oversight. <ul style="list-style-type: none"> o On 10 Jul 13, submitted comments from Sea Engineering on pre-dredge survey calibration and QC SOP. o Comments submitted on the following <ul style="list-style-type: none"> <input type="checkbox"/> 15 Jul 13, SV CWCM QAPP Addendum A for Water Quality Monitoring. <input type="checkbox"/> 16 Jul 13, removal action operational plans. <input type="checkbox"/> 18 Jul 13, CPG response to RM 10.9 design comments. <input type="checkbox"/> 24 Jul 13, pre-dredge bathymetry survey. o On 12 Jul 13, performed oversight of mobilization of pre-dredge bathymetry survey. o On 17 & 25 Jul 13, participated in oversight planning calls and meetings. <input type="checkbox"/> Data Evaluation. <ul style="list-style-type: none"> o On 24 Jul 13, participated in webinar to discuss human health and ecological risk work efforts. o Continued work on 3D model. o Continued incorporating GIS layers from CPG into GIS layers and formulating data presentation. o Generated numerous risk assessment tables and TEQ results from EPA calculations and draft exceedance tables. o More detail on this work contained in CDM Progress Report.
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Progress Report for EPA Region II

Work, Meetings, Milestones FY2012/2013.

Narrative

Note – See previous Progress Reports for dates of most recent CPG schedules.

- ☐ Risk Assessment Technical memoranda. On **3 Jan 12** and **6 Feb 12**, EPA responded to the CPG regarding all dispute issues and directed the CPG to proceed with the baseline human health and ecological risk assessments. (Dates on specific deliverables have been removed; refer to previous progress reports for this information.)
- ☐ CPG Reports/in progress, partial list. Full report status is listed in summary table from S. Budney; updated 12 Apr 13.
 - o Benthic Fall 2009 Community Field Report. On 29 Jun 11, EPA provided comments to the CPG.
 - o Habitat 2010 Summer Survey Field Report. On 13 Jul 11, EPA provided the comments to the CPG.
 - o Spring and Summer 2010 Benthic Community Survey Data Report. On 2 Mar 12, CDM submitted comments to EPA.
 - o Avian 2011 Winter/Spring Survey Field Report. On 17 Jul 12, draft report received from CPG. On 17 Oct 12, CDM submitted comments to EPA.
 - o 2010 Small Forage Fish Tissue Chemistry Data. On 18 Jul 12, draft received from CPG. On 27 Nov 12, CDM submitted comments to EPA.
 - o Low Resolution Coring Characterization Report. On 19 Sep 11, CDM submitted comments to EPA.
 - o 2011 Caged Bivalve Study Data. On 18 Jul 12, draft received from CPG. On 27 Nov 12, CDM submitted comments to EPA.
 - o Bathymetry June 2010 Multibeam Report. On 14 Jun 11, EPA provided the CPG with comments.
 - o Draft 2009 and 2010 Sediment Chemistry Data. On 23 Dec 11, comments and data evaluation provided to EPA.
 - o Draft 2009 Bioaccumulation Tissue Chemistry Data. On 10 Nov 11, CDM submitted comments to EPA.
 - o Draft 2009 Fish and Blue Crab Tissue Chemistry Data. On 11 Nov 11, CDM submitted comments to EPA.
 - o FS Work Plan. On 17 Jan 11, CDM submitted comments to EPA.
 - o High Volume CWCM QAPP. On 14 Dec 12 Final QAPP received from CPG (rolling reviews).
- ☐ River Mile 10.9 Basis of Design Report (BODR) Milestones (revised per 30 Nov 12 schedule):
 - o 2 Aug 12 – 30% BODR submittal to EPA (*complete*)
 - o 30 Aug 12 – Comments to CPG on 30% BODR (*complete*)
 - o 30 Nov 12 – 95% BODR submittal to EPA (*complete-delayed from baseline schedule of 5 Nov 12*)
 - o 8 Jan 13 – Comments to CPG on 95% BODR (*complete; multiple iterations*)
 - o 28 Feb 13 – Draft Final Design submitted to EPA (*complete*)
 - o 29 Mar 13 – EPA provided CPG comments on Draft Final Design (*complete*)
 - o 17 May 13 – CDM submitted comments to EPA on Final Design.
 - o 30 Jul 13 – Dredge mobilized to site.
 - o 1 Aug 13 – EPA provided partial and conditional approval of Final Design
- ☐ River Mile 10.9 Bench/Pilot Scale Studies (planned)
 - o 18 Jun 12 – Bench Scale QAPP submitted to EPA (*complete*)
 - o 17 Sep 12 – CPG Bench Scale report and recommendation to EPA (*complete*)

Projected Work, Meetings Milestones FY2013. Current Status of Work Products (cont.)

Meetings	<ul style="list-style-type: none"> Continuation of bi-weekly progress calls and additional coordination meetings/conference calls with CPG.
Key Milestones Forthcoming	<ul style="list-style-type: none"> Several of the submittals as noted above do not have milestones for future actions. Full listing with status in the CDM Submittal Summary.
Issues	
Technical:	<ul style="list-style-type: none"> Issues are worked in an ongoing basis as discussions held between the EPA and CPG.
Schedule	<ul style="list-style-type: none"> CPG project schedule not fully updated at this time. Information updates provided through conference calls and CPG monthly reports. Schedule focus is on the work at RM 10.9.
Funding:	<ul style="list-style-type: none"> None at this time.

Progress Report for EPA Region II

IAG Summary: Technical Assistance Amendment Funding						
USACE	Direct Fund Cite	Amend #	Date	USACE	Direct Fund Cite	Total IAG
410,000	0	Initial	9/6/07	-	-	\$ 410,000
290,000	0	1	6/3/08	-	-	\$700,000
75,000	0	2	12/31/08	-	-	\$775,000
85,000	0	3	2/19/09	-	-	\$860,000
50,000	0	4	6/23/09	-	-	\$910,000
576,665	0	5	7/27/09	-	-	\$1,486,665
500,000	0	6	8/7/09	-	-	\$1,986,665
789,000	0	7	12/1/09	-	-	\$2,775,665
300,000	0	8	2/24/10	-	-	\$3,075,665
140,000	0	9	4/27/10	-	-	\$3,225,665
510,000	0	0	5/24/10	-	-	\$3,735,665
400,000	0	0	9/14/10	-	-	\$4,135,665
745,000	0	0	4/8/11	-	-	\$4,880,665
150,000	0	0	8/31/11	-	-	\$5,030,665
850,000	0	0	11/12/11	-	-	\$5,880,665
1,124,335	0	0	5/14/12	-	-	\$7,005,000
1,650,000	0	0	12/6/12	-	-	\$8,655,000
1,345,000	0	0	5/31/12	-	-	\$10,000,000

Progress Report for EPA Region II

Summary of Funds Spent Per Activity & Funding Remaining				
Description	Funds for Activity	Funds Disbursed this Month	Funds Disbursed to Date	Funds Remaining
MPI: Contract W912DQ-06-D-0006; Task Order 0020; awarded 21 Sep 07	\$349,601.00	\$0.00	\$349,601.00	\$0.00
MPI: Contract W912DQ-06-D-0006; Task Order 0020/Mod 1; awarded 19 Jun 08	\$274,903.00	\$0.00	\$267,213.93	\$7,689.07
MPI: Contract W912DQ-08-D-0017; Task Order 0010; awarded 16 Jan 09	\$65,000.00	\$0.00	\$65,000.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 1; awarded 5 Mar 09	\$69,772.00	\$0.00	\$69,772.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 2; awarded 24 Jun 09	\$49,756.00	\$0.00	\$49,756.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 3; awarded 3 Aug 09	\$378,843.00	\$0.00	\$378,843.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 4; awarded 28 Aug 09	\$279,277.00	\$0.00	\$279,277.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 6; awarded 29 Dec 09 ^{Note 1}	\$211,881.00	\$0.00	\$211,881.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 7; awarded 9 Jul 10	\$52,892.00	\$0.00	\$52,892.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 8; awarded 28 Dec 10	\$54,473.00	\$0.00	\$19,780.45	\$34,692.55
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Base Contract; awarded 6 Aug 09 (verbal 31 Jul 09)	\$160,000.00	\$0.00	\$160,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 1; awarded 22 Aug 09	\$175,902.00	\$0.00	\$175,902.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 3; awarded 23 Dec 09 ^{Note 2}	\$493,000.00	\$0.00	\$493,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 7; 3 Mar 10 ^{Note 3}	\$283,000.00	\$0.00	\$283,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 8; awarded 14 May 10	\$140,000.00	\$0.00	\$140,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 9; awarded 9 Jun 10	\$375,000.00	\$0.00	\$375,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 10; awarded 21 Oct 10 ^{Note 4}	\$299,923.00	\$0.00	\$299,923.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 11; awarded 27 Dec 10 ^{Note 5}	See note 5	\$0.00	\$0.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 12; awarded 4 May 11 ^{Note 6}	\$645,000.00	\$0.00	\$645,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 13; awarded 19 Sep 11	\$150,000.00	\$0.00	\$137,307.00	\$12,693.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Base TO; awarded 15 Dec 11	\$770,000.00	\$0.00	\$770,000.00	\$0.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 2; awarded 1 Jun 12	\$1,059,312.00	\$0.00	\$1,059,312.00	\$0.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 3; 7 Jan 13	\$1,500,000.00	\$95,320.00	\$217,316.00	\$1,282,684.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 4; 11 Jul 13	\$1,200,000.00	\$0.00	\$0.00	\$1,200,000.00
Contract Funds Available	\$12,030.00	\$0.00	\$0.00	\$12,030.00
Subtotal - Summary of Contracts; awarded and avail. (total reflects blocks e + f on Page 2 IAG)	\$9,049,565.00	\$95,320.00	\$6,499,776.38	\$2,549,788.62

Progress Report for EPA Region II

Description	Funds for Activity	Funds Disbursed this Month	Funds Disbursed to Date	Funds Remaining
Kansas City Corps In-House Labor/Travel - 17 Mile	\$712,285.00	\$4,812.46	\$331,355.97	\$370,870.18
Kansas City Corps In-House Labor/Travel - RM 10.9		\$849.25	\$10,058.85	
Superfund M&S Fee - 17 Mile	\$150,650.00	\$1,459.19	\$94,982.74	\$50,993.57
Superfund M&S Fee - RM 10.9		\$257.50	\$4,673.69	
MIPR/ERDC - Hayter/Gailani; CPG Modeling Support	\$63,000.00	\$0.00	\$58,287.43	\$4,712.57
MIPR/ERDC - Estes; Decon Technology Support	\$24,500.00	\$0.00	\$19,380.74	\$5,119.26
Subtotal - Summary of Labor/M&S Fee	\$950,435.00	\$7,378.40	\$518,739.42	\$431,695.58
Grand Total - Contract/Corps	\$10,000,000.00	\$102,698.40	\$7,018,515.80	\$2,981,484.20

Notes on above table:

Note 1: MPI/LBG TO 0010 Mod 5 is admin, zero dollar mod

Note 2: CDM TO 0014 Mod 2 is admin, zero dollar mod.

Note 3: CDM TO 0014 Mods 4, 5, & 6 were skipped in system numbering

Note 4: CDM TO 0014/Mod 10 totals \$362,923; \$63,000 is Newark Bay funding for IT transition.

Note 5: CDM TO 0014/Mod 11 totals \$74,426; \$50,000 is Passaic FFS funding and \$24,426 is Newark Bay funding for IT transition.

Note 6: CDM TO 0014/Mod 12 totals \$682,426; \$37,426 is Passaic FFS funding for IT/transition.

IAG Scope of Work Summary (block 13 of IAG)

This amendment obligates \$XX (see amounts above for base and amendments) to the U.S. Army Corps of Engineers - Kansas City District to provide/continue oversight of the CPG's performance of Remedial Investigation and Feasibility Study at the Diamond Alkali OU4 Superfund Site (EPA ID: NJD980528996)

Project Delivery Team

Name	Contact Information	Responsibility
Beth Franklin	(816) 389-3581 Cell: (816) 695-5797	Project Manager
Josh Hill	(816) 389-3803	Contract Specialist
Shelley Thomas	(816) 389-3842	Contracting Officer
Jason Shippy	(816) 389-3721	Attorney
Julia Kisser	(816) 389-3874	COR

Prepared by: Elizabeth Franklin
Project Manager
18 September 2013

PROGRESS REPORT

Site Name: Lower Passaic River Restoration Project and & Superfund Site
Project: Task Order 6424.005 CPG Oversight
Prepared by: Frank Tsang
Representing: CDM Federal Programs Corporation (CDM Smith)
Date: June 14, 2013 (revised December 24, 2014)
Reporting Period: April 28, 2013 to May 25, 2013

The following structures reflect the WBS from TO 6424.005.

1. **Progress Made this Reporting Period** – CDM Smith performed the following activities during this period:

WAD 1, Work Order (WO) 1 – Project Management and Administration

1.1.1 Project Management

- CDM Smith performed project management including staffing, financial monitoring, invoicing, and participated in conference calls.
- CDM Smith prepared WVN 3/ATP6 and a proposal/ATP 7 during this period.

1.1.2 Project Support Documentation & Administration

- CDM Smith prepared and submitted the monthly progress report.

1.1.3 Subcontract Administration

- CDM Smith processed subcontractor invoices (HDR | HQL, Shealy and CDM Constructors Inc (CCI, a division of CDM Smith)).

1.1.4 Project Communication

- On May 7 and 21, 2013, CDM Smith participated in biweekly conference calls.

WAD 1, WO 2 – Community Relations/Public Website

1.2.1 Public Meeting Support

- No activity.

WAD 1, WO 3 – Senior Technical Advisors

1.3.1 Senior Technical Advisors

- Bob Ambrose, Alan Blumberg, Roger Flood and Dominic Di Toro are on board as TAC members; each subcontracted directly with CDM Smith.
- No activity.

Item	TAC Member	TAC Member Subcontract Ceiling*	Authorized Funding	Payment this Period	Payment to Date	Remarks
1	Ambrose	\$5,000	\$0	\$0	\$0	POP expires 8/15/2013
2	Blumberg	\$6,200	\$0	\$0	\$0	POP expires 8/1/2013
3	Flood	\$1,042	\$0	\$0	\$0	POP expires 11/30/2016

Item	TAC Member	TAC Member Subcontract Ceiling*	Authorized Funding	Payment this Period	Payment to Date	Remarks
4	Di Toro	\$8,200	\$0	\$0	\$0	POP expires 11/30/2016
Total		\$20,442	\$0	\$0	\$0	

*Subcontract Ceiling represents "available subcontract capacity" on each TAC member's respective subcontract. A subcontract modification is required when the dollar value of requested work exceeds a TAC Member's Subcontract Ceiling.

WAD 1, WO 4 – Technical Support

1.4.1 Technical Support

- On May 9, 2013, CDM Smith participated in a SSP2 planning call with EPA, CPG and the partner agencies.
- On May 20, 2013, CDM Smith participated in the SSP2 follow up call meeting with EPA and the partner agencies.

WAD 2, WO 2 - Work Planning: Oversight & Communication

2.2.1 Technical Communication

- Travel was incurred to attend meeting at EPA Region 2 New York City office for discussion with EPA, NJDEP, NOAA, and CPG regarding locations for the second round of supplemental sampling.

2.2.2 CPG Planning Documents Review

- Reviewed field modifications received from the CPG on April 19, 2013.

WAD 2, WO 3 – Field Work Sampling Oversight

2.3.1 CDM Smith Work Plan Preparation (QAPP & HASP)

- No activity.

2.3.2 Water Column, Chemical Data Oversight

- Reviewed CPG raw data submitted from analysis of high volume samples.
- Continued validation of high volume split sample data.
- Continued split sample evaluation of CWCM data sets.
- Hours inadvertently charged to Task 2.6.3 were applied to this task.

2.3.3 RM 10.9 Oversight

- No activity.

2.3.4 LRC Supplemental Sampling Oversight

- Federal Express charges were invoiced.
- Hours inadvertently charged to Task 2.6.3 were applied to this task.

2.3.6 Background Sampling Oversight

- Split sampling activities of processed tissue samples:

- Consulted with EPA ecological risk assessor to identify and select appropriate samples to split with CPG. Sample selection was based on available mass of samples, types of species and analytical needs.
 - Prepared shipping paper work and coordinated shipment of selected split sample aliquots from CPG laboratory to EPA laboratories.
- Reviewed content of background data contained in Region 2 formatted EDD received from the CPG.

WAD 2, WO 4 – Report/Products: Oversight and Communications

2.4.1 CPG Report Review

- 2 hours were inadvertently charged to this WE (WE 2.4.1). The hours will be transferred to WE 1.4.1 for discussion of SSP2 sampling planning call in the next reporting period.

WAD 2, WO 5 – Data Manager

2.5.1 Data Manager (Data/Information Transfer)

- Generated summary tables of historical data sets for QC review of valid value associations.
- Updated chemical naming conventions for PCBs, PAHs and Dioxin/Furans as part of continued improvement of data normalization across historical data sets.

2.5.2 Database and Website Management

- Ongoing webpage support/and Enterprise interface support.
- Continued to provide webpage management support updating pages and announcements at the direction of the EPA.

WAD 2, WO 6 – CSO/SWO Sampling Oversight

2.6.1 Planning Documents Review

- On May 16, 2013, reviewed Tierra's CSO /SWO forensic sample results.
- Field team member reviewed CSO/SWO QAPP in anticipation of deployment for sampling event.

2.6.2 CDM Work Plan Preparation

- No activity.

2.6.3 Laboratory Analysis and Coordination

- 9.5 hours that were mistakenly charged to this task were removed and charged to Task 2.3.2 and Task 2.3.4.

2.6.4 Field Oversight and Collection of Split Samples

- No activity.

2.6.5 Split Sample Comparison Report

- No activity.

WAD 2, WO 7 – RM 10.9 Removal Action Oversight

2.7.1 Report Review/Technical Support

- On May 9, 2013, participated in a call with EPA and the CPG to discuss the cap design, water quality monitoring plan and the perimeter air monitoring plan
- Reviewed RM 10.9 Removal Action Final Design Report, submitted comments on May 17, 2013.
- On May 23, 2013, participated in a call with EPA, CPG and the partner agencies to discuss the water quality monitoring plan.
- Reviewed RM 10.9 Draft Perimeter Air and Noise Monitoring Plan, submitted comments on May 23 and 28, 2013.
- Reviewed the RM 10.9 waterline setback submittal on May 24, 2013.
- HDR reviewed CPG Cap roughness and re-suspension control documents.

2.7.2 Remedial Action Oversight

- 6.5 hours were inadvertently charged to WE 2.7.2. These hours will be reallocated to W.E. 2.2.2 in the December 2014 reporting period.

2.7.3 Sampling Analysis

- No activity.

WAD 3, WO 1 - Modeling Support

- Project Management & Support
 - No activity.
- Bi-Weekly Conference Calls
 - May 7 and May 21, 2013 bi-weekly calls.
- Project Review Conference Calls & Mod Meetings
 - No activity.
- Transfer of Model Codes/Support
 - A. ECOMSEDZLJS Model Support
 - No activity.
 - B. ST-SWEM & RCATOX Models
 - No Activity.
 - C. Misc. Support 2010
 - Checked CPG transfer of codes, inputs, and outputs for sediment transport projections and organic carbon simplification.
 - Reviewed code changes recommended by Moffat and Nichol.
- Field Oversight
 - May 15, 2013 call about 17 mile RI risk assessment.
 - Follow-up items: ETM location and description, shape files for geomorphic zones and mudflats.
- Modeling Oversight
 - Reviewed the CPG CWCM and Bed concentration analysis memos and discussed with EPA.

WAD 3, WO 2 - Modeling Collaboration with CPG

- Project Management and Support
 - No activity.

- Weekly Conference Calls/Meetings with CPG
 - May 17, 2013 call with Rooni Mathew from Moffat and Nichol to discuss Hackensack River fluxes and model remediation routines
 - May 24, 2013 call with Moffat and Nichol and AQEA to discuss bed elevation changes computed by the model
 - May 30, 2013 calls with Rooni Mathew from Moffat and Nichol to discuss sediment size class mass balance in the ECOM model
- Monthly Technical Meetings
 - Followed up on meeting action items.
- Identify Model Differences
 - No activity.
- Data Action Items
 - Hackensack River Fluxes. Review of SEI memo resulted in concerns about the computed net fresh water flux. We have reached out to the CPG with questions about the mooring data and need to follow up.
- Model Action Items
 - Investigated CPG concerns about inconsistencies they were seeing in bed elevation changes between their models.
- Communication with USEPA Project Team
 - Communication on project status with CDM Smith and EPA.

WAD 4, WO 3 – Review/Coordinate CPG Risk Assessment

- No activity.

WAD 5, WO 2 – Data Evaluation

- Continued to formulate data presentation plans and evaluate potential approaches to better visualize and demonstrate site conditions.
- Worked with modeling staff to create figures and test Kriging statistical model to illustrate concentration contorting of sediments.
- On May 15, 2013, participated in a conference call with EPA to discuss the direction our evaluation should take. Obtained list of exposure point concentrations (EPCs) EPA would like to CDM Smith to calculate.
- Created proof of concept 3D model to support data evaluation.
- Compiled computational scheme for calculating total PCB, total dioxin and total PAH values from database. Generated initial results by task (sampling events) to QC programming.
- Compiled initial sample set for RI data evaluation generated draft surface sediment figures, and draft EPC table by river mile for sediments, surface water and tissue samples for TCDD.

2. **Anticipated Problems and Recommended Solutions** – None.
3. **Problems Resolved** – N/A.
4. **Upcoming Events/Activities Planned** – CDM Smith will continue working on the following activities:

- Participate in biweekly calls.
- Review CPG and Tierra documents when received.
- Continue database management data upload.
- Provide support on CSO/SWO oversight.
- Provide support on RM 10.9 oversight.
- Provide support on SV and HV CWCM oversight
 - Possible high flow sampling event June timeframe
- Continue to formulate data presentation plans.

5. **Key Staffing Changes** – None

6. **Budget** – See attached cost spreadsheet for negotiated budget, funded amount, and expenditure details.

7. **Deliverables Submitted**

(For deliverables submitted prior to January 3, 2013, please see the April 2013 and earlier monthly reports.)

Title	Date Submitted
Submitted comments on River Mile 10.9 90 Percent Design	January 3, 2013
Submitted comments on RM 10.9 QAPP Addendum D	January 23, 2013
Submitted CDM Smith Field Change Request #13 - oversight of CPGs QAPP Addendum D Field Effort	February 13, 2013
Submitted comments on Updated Porewater SOPs RM 10.9 QAPP Addendum D	February 19, 2013
Submitted comments on Tierra's Validated Rinse Blank Results for the CSO/SWO sampling program	February 28, 2013
Submitted comments on Porewater SOP RM 10.9 QAPP Add D	March 1, 2013
Submitted comments on Draft Final RM 10.9 Design	March 22, 2013
Submitted comments on GW Seepage Measurement Field Mod	March 25, 2013
Submitted comments on CSO/SWO QAPP Revision 2	April 4, 2013
Submitted comments on RM 10.9 design draft WQMP	April 24, 2013
Submitted comments on Fall 2009 Benthic Invertebrate Community Survey and Benthic Field Data Collection, dated April 12, 2013	April 24, 2013
Submitted comments on Habitat Identification Survey Data Report, Fall 2010 Field Effort, dated April 12, 2013	April 24, 2013
Submitted comments on RM 10.9 Draft Water Quality Monitoring Plan	April 26, 2013
Submitted comments on RM 10.9 Removal Action Final Design Report	May 17, 2013
Submitted comments on RM 10.9 Draft Perimeter Air and Noise Monitoring Plan	May 23 & 28, 2013
Submitted comments on RM 10.9 Waterline Setback	May 24, 2013
Submitted comments on Tierra CSO/SWO Forensic Sample Results	May 16, 2013
Submitted comments on CPG Field Modification Form 130522-1 SSP2 Sediment Probing	May 29, 2013